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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/892,124	06/26/2001	Dan Q. Tu	14531.109	1961

TITLE OF INVENTION: SIMULTANEOUS TUNING OF MULTIPLE CHANNELS USING INTERMEDIATE FREQUENCY SUB-SAMPLING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	04/13/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, DUNG X	2631	375-240010

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Workman Nydegger

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

MICROSOFT CORPORATION

Redmond, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
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- ☐ A check in the amount of the fee(s) is enclosed.
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- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-3178 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Date

February 23, 2005

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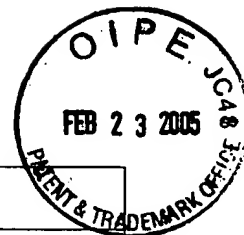
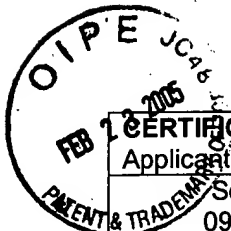
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Dan Q. Tu, et al.

Docket No.
14531.109Serial No.
09/892,124Filing Date
June 26, 2001Confirmation No.
1961Examiner
Dung X. Nguyen

Invention: SIMULTANEOUS TUNING OF MULTIPLE CHANNELS USING INTERMEDIATE FREQUENCY SUB-SAMPLING

I hereby certify that the Transmittal Letter (2 pages) (in triplicate); PTOL-85B Issue Fee Transmittal; pto Form 2038 in the amount of \$1,412.00; and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 23, 2005.

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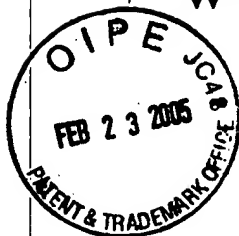


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PATENT APPLICATION
Docket No. 14531.109

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dan Q. Tu, et al.

Serial No.:

09/892,124

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) Art Unit
) 2631

Filed:

June 26, 2001

Confirmation No.:

1961

For:

SIMULTANEOUS TUNING
OF MULTIPLE CHANNELS
USING INTERMEDIATE
FREQUENCY SUB-SAMPLING

Examiner:

Dung X. Nguyen

TRANSMITTAL OF ISSUE FEE PAYMENT

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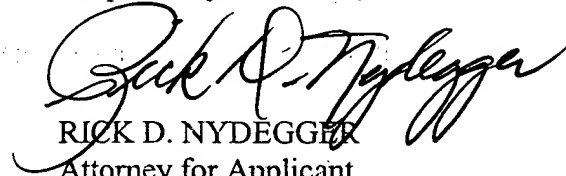
The enclosed Notice of Allowance and Issue Fee due is submitted herewith pursuant to 37 C.F.R. § 1.67 and M.P.E.P 603.01 for filing in the matter of the United States patent application as hereinabove identified. Enclosed is PTO Form 2038 for \$1,412.00 for payment of the issue fee.

The Commissioner is hereby authorized to credit any overpayment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned. Triplicate copies of this sheet are enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 23rd day of February, 2005.

Respectfully submitted,



RICK D. NYDEGGER

Attorney for Applicant

Registration No. 28,651

Customer No. 47973

RDN:kcs
KCS00000004503V001